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Patent claims

5 1. A loading space system for motor vehicles with a  
cover element (1) which runs parallel to a vehicle  
longitudinal axis (9) and has two longitudinal sides  
(3.1, 3.2), two transverse sides (4.1, 4.2) running  
transversely thereto and at least one first pivot hinge  
10 (2.1), and which can be connected at least over part of  
the longitudinal sides (3.1, 3.2) to a first bearing  
(8.1) running approximately parallel to a motor vehicle  
floor (6) in the region of a motor vehicle side wall  
(5), the first pivot hinge (2.1) being arranged  
15 parallel to the transverse side (4.1), and the cover  
element (1) being divided into a first cover part (1.1)  
and a second cover part (1.2), characterized in that at  
least the first cover part (1.1) can be connected  
approximately at right angles to the motor vehicle  
20 floor (6) to a motor vehicle side wall (5) via a second  
bearing (8.2) and/or to the motor vehicle floor (6) via  
a third bearing (8.2, 8.3).

2. The loading space system as claimed in claim 1,  
25 characterized in that the first cover part (1.1) can be  
pivoted relative to the second cover part (1.2),  
irrespective of the position thereof, through at least  
180°, in particular through 270° or through 360°,  
between a first position A and a second position B.

30 3. The loading space system as claimed in claim 1 or  
2, characterized in that at least one cover part (1.1)  
has at least one second pivot hinge (2.2) which is  
arranged parallel to the first pivot hinge (2.1) and  
35 divides the cover part (1.1) into at least a first  
cover piece (1.1') and a second cover piece (1.1'').

4. The loading space system as claimed in one of the  
preceding claims, characterized in that the cover

pieces (1.1', 1.1'') can be pivoted relative to each other through at least 180°, in particular 360°, via the second pivot hinge (2.2).

- 5     5. The loading space system as claimed in one of the preceding claims, characterized in that the first and/or the second cover part (1.1, 1.2) is/are connected releaseably to a fourth bearing (8.4) in the region of a vehicle seat wall (7).

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6. The loading space system as claimed in one of the preceding claims, characterized in that the first and/or the second cover part (1.1, 1.2) can be connected to a fifth bearing in the region of a vehicle  
15 tailgate.

7. The loading space system as claimed in one of the preceding claims, characterized in that the bearings (8.1, 8.2, 8.3, 8.4) are designed as supported  
20 bearings, sliding-fit bearings and/or clamping-fit bearings.

8. The loading space system as claimed in one of the preceding claims, characterized in that the second  
25 bearing (8.2) is arranged approximately centrally between the vehicle seat wall (7) and the vehicle tailgate in the direction of the vehicle longitudinal axis (9) and/or, starting from this central position, is arranged in a manner such that it can be offset in  
30 the longitudinal direction with respect to the length of the cover piece (1.1').

9. The loading space system as claimed in one of the preceding claims, characterized in that the cover  
35 element (1) in the region of the motor vehicle floor (6) and/or in the region of the vehicle seat wall (7) can be placed such that it is approximately parallel and at least partially rests on them.

10. The loading space system as claimed in one of the preceding claims, characterized in that the cover element (1) can be connected in the region of the longitudinal sides (3.1, 3.2) and the transverse sides  
5 (4.1, 4.2) to the particular bearing (8.1, 8.2, 8.3, 8.4).

11. The loading space system as claimed in one of the preceding claims, characterized in that the second  
10 foldable cover part (1.2) is connected pivotably to the first foldable cover part (1.1) and can be pivoted with respect to the motor vehicle floor (6) into a vertical position and can be fixed there in the region of the motor vehicle floor (6) and/or in the region of the  
15 motor vehicle side wall (5).